

S
6/14/78
H2m

June 1978

PLEASE RETURN

Montana State Library

3 0864 1006 5755 3

MONTANA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL SCIENCES

Monthly Activities Report
of the Air Quality Bureau

STATE DOCUMENTS COLLECTION

June, 1978

AUG 15 1978

1. Highlights:

The Eastern Montana Energy Grant was finalized and submitted to EPA.

Work is progressing on the Montana Air Pollution Study.

2. Ambient Air Quality Network:

a. Standards Exceeded

| SO ₂ violations - Helena area | Microwave | East Station | Broudy |
|--|-----------|--------------|--------|
| State 1-hour | 1 | 0 | 0 |
| State 24-hour | 0 | 0 | 0 |
| Federal 3-hour | 0 | 0 | 0 |
| Federal 24-hour | 0 | 0 | 0 |

Hi-vol Standards Exceeded

| City | Station | 150 ug/m ³ St. Std. | 200 ug/m ³ Fed. Std. |
|------------|---------|-----------------------------------|------------------------------------|
| Col. Falls | Anders | 208 | 208 |
| Col. Falls | Anders | 190 | --- |
| E. Helena | Hastie | 170 | --- |
| E. Helena | Hastie | 157 | --- |
| Kalispell | Sherman | 150 | --- |
| Kalispell | Sherman | 225 | 225 |
| Libby | Brown | 156 | --- |
| Libby | Brown | 238 | 238 |

b. Air Stagnation Advisories - None in June

c. Laboratory Status

| | |
|--------------------------------|------|
| Total Determinations for Month | 1568 |
| Total Samples for Month | 221 |

3. Permits and Tax Credits:

a. Construction Permits - Applied for

Hilde Construction, Carter Co., portable gravel crusher and hot mix asphalt plant

Beartooth Coal Company, Carbon Co., conveyors, belts, coal crusher

Evans Products Company, Missoula, double head sander

Exxon Company, Billings, floating roof cover, \$243,800

Zook Brothers, Ravalli Co., portable hot mix asphalt plant

Empire Sand & Gravel, Stillwater Co., portable gravel crusher

Empire Sand & Gravel, Stillwater Co., portable asphalt batch plant

Vinson Timber Products, Trout Creek, tepee burner

3. Construction Permits - Cont.

Meyer Construction, Sweetgrass Co., portable gravel crusher
Meyer Construction, Sweetgrass Co., Boeing 400 drum dryer
Meyer Construction Co., Chouteau Co., hot mix asphalt plant
Evans Products Company, Missoula, baghouse
Great Western Sugar, Billings, fly ash collectors, \$124,460

Construction Permits, Approved

Zook Brothers, Cascade, Teton and Lewis & Clark Counties, portable gravel crusher

Westmoreland Resources, Big Horn Co., coal-fired boiler
Westmoreland Resources, Big Horn Co., truck dump, crusher, storage barn, tippie, conveyor belts

Hilde Construction, Rosebud Co., portable gravel crusher and hot mix plant

R-Lite Concrete Products, Granite Co., portable gravel crusher

Hilde Construction, Rosebud Co., portable gravel crusher and hot mix asphalt plant

b. Operating Permits - None in June

c. Tax Credits

Anaconda Aluminum, Columbia Falls, flotation equipment on casting

Exxon and Cenex have submitted a total of 33 applications. Four of Cenex's ten have been approved, ten of Exxon's have been acted upon, with four denials and six approvals. The others were incomplete.

4. Variance Status:

a. Current

Anaconda Aluminum Co., Columbia Falls, F⁻ and particulate, expired June 30, 1978; hearing scheduled for September 8, 1978.

Anaconda Company, Anaconda, SO₂, expired June 30, 1978.

Anaconda Company, Anaconda, visible emissions and process weight rules variance expired June 30, 1978.

b. New - None in June

5. Enforcement Action:

a. Citations

Castle Mountain Lumber, White Sulphur Springs, 780623-BR-1, tepee burner in violation of rule 16-2.14(1)-S14030 (Wood Waste Burners)

Spring Creek Forest Products, Judith Gap, 780620-BR-1, tepee burner in violation of rule 16-2.14(1)-S14030 (Wood Waste Burners)

Monthly Report

June, 1978

Page 3

5. Enforcement Actions, Cont.

Baker Landfill, Baker, 780622-BR-1, landfill in violation of rule 16-2.14(1)-SL490 (Open Burning Restrictions)

Spring Creek Forest Products, Judith Gap, 780616-FG-1, tepee burner in violation of rules 16-2.14(1)-SL4030 and SL400 (Wood Waste Burners and Permits)

b. Notices of Violation - None in June

c. Order for Corrective Action - None in June

d. Court Actions:

Gallatin County served Roland Nuss (Heritage Simmental) papers for violating rule 16-2.14(1)-SL400, Permits, Construction and Operation of Equipment)

6. Tepee Burners and Open Burning:

| | |
|--------------|----|
| No. at start | 41 |
| New starts | 0 |
| Shutdowns | 0 |
| No. at end | 41 |

Burning Permits:

| | | | |
|------------------|-----|--------------------|-----|
| Kalispell Office | 112 | Sanders County | 104 |
| Cascade County | 6 | Yellowstone County | 49 |
| Lake County | 26 | Rest of State | 571 |
| Missoula County | 18 | Total | 886 |

7. Source Tests Performed:

a. Agency Source Tests - None in June

b. Non-Agency Source Tests

St. Regis, Libby, boiler #7, by Alsid-Snowden & Associates, in compliance
Hoerner Waldorf, Missoula, review of compliance tests on #3 lime kiln,
#3 smelt tank, in compliance
EERC, Billings, tested Boeing Drum Dryer of Zook Brothers for compliance
with NSPS for batch plants
Zook Brothers Construction, East Helena, asphalt batch plant, performed
by EERC, passed mass emissions but failed opacity

8. Field Investigations:

Sorenson Brothers, Drummond, tepee burner, re-inspection
Drummond Landfill, open burning, re-inspection
Louisiana Pacific, tepee burner, Deer Lodge, inspection
Montana Pole Co., Butte, tepee burner, citation issued
American Asphalt, Kalispell, documentation
Peter Kewit, Kalispell, inspection, in compliance
Plum Creek boiler system, Columbia Falls, replacement of scrubber

8. Field Investigations, Cont.

Helena Valley, road, fugitive emissions, investigation
Helena Sand and Gravel, Helena, asphalt plant, investigation
Zook Brothers, Helena, asphalt plant, observed source test
Landfill, Harlowton, inspection
Spring Creek Lumber, Judith Gap, tepee burner, citation issued
U. S. Gypsum, Lewistown, inspection
Brand S Lumber, Lewistown, tepee burner, inspection
Richey, Landfill, response to complaint of open burning
Lambert, Landfill, response to open burning complaint
Baker, landfill, response to open burning complaint, citation issued
Castle Mountain Lumber, White Sulphur Springs, tepee burner, inspection,
citation issued
Anaconda Aluminum, Columbia Falls, inspection - tour with Board of Health
members
Pfizer Talc, Dillon, inspection
Brand S Lumber, Livingston, inspection
Willow Creek, Livingston, inspection
West Yellowstone, dusty streets, inspection
Zook Brothers Construction, East Helena, batch plant, inspection
Willow Creek Lumber, Livingston, re-inspection
Burkland Studs, Livingston, investigation
Brand S Lumber, Livingston, follow-up inspection
Big Horn Limestone, Warren, limestone mining, crushing, pulverizing,
drying and bagging, inspection
Laurel, evaluating SO₂, SIP submittal for refinery
Great Western Sugar, Laurel, boiler plant and flue gas scrubbing system,
inspection
Bear Tooth Coal Company, inspection
Big Horn Calcium Company, inspection

9. Complaints:

Billings, brown haze, apparently caused by inversion
Lewis & Clark County, Helena valley road, fugitive dust, investigation
Anaconda, landfill, open burning, inspection pending
Anaconda, lime quarry, fugitive dust, follow-up pending
Livingston, Brand S Lumber, particulate fallout, investigation
East Helena, Zook Brothers Construction, excessive dust, inspection
East Helena, Lake Helena Road, fugitive dust, investigation
City of Helena, odor from roof tarring machine, machine will be moved
Anaconda, Baroni Construction & General Contractors, excessive dust,
investigation
Livingston, Willow Creek Lumber, Livingston, fallout, investigation
ASARCO, INC., East Helena, excessive dark plume, acute malfunction,
investigation (three complaints)
Burning barrel on Shady Lane, Kalispell, eliminated
Kalispell, C & C Plywood, dust in air, investigation, water down area,
is solving problem

10. Data Processing Services:

- a. Ambient data summary - no significant activity

Monthly Report

June, 1978

Page 5

10. Data Processing Services, Cont.

b. Emission Inventory Status:

Update completed for area point sources in Butte

c. Prevention of Significant Deterioration - met with groups to discuss and review new regulations

c. Modeling - no activities in June

11. Environmental Impact Statements:

a. Agency impact determinations - None in June

b. Other Agency EIS's Reviewed:

Beartooth Coal Company, Red Lodge, underground coal mine, Department of State Lands.

Lolo National Forest Fire Management Plan, U. S. Forest Service

12. Status of Studies, Contracts and Reports:

Poplar River Study, operating according to schedule
Flathead Environmental Study, partial operation begun, new equipment is due to arrive so that sites can be completed

Columbia Falls Study, analysis continuing, report due fall of 1978
MAPS, Historical Emission Inventory, contractor will review and recommend on Phase I results

MAPS Emission Inventory Update and Improvement report due end of July
ASARCO-Troy, sampling continuing, approximately 95% complete

13. Schools and Training:

Smoke generator operator's school, Athens, Georgia

14. Public Hearings and Meetings:

a. Public Hearings Held

Public meeting, Three Forks, regarding construction permit application to install and operate chicken manure dryer

b. Meetings Attended

Exxon, Helena, regarding applications for certification of property for taxation

Fish and Game Department, Helena, installation of new smoke generator Sheriff, Harlowton, open burning

Sanitarian, Lewistown, open burning

Sheriff, Lewistown, open burning

Fire Chief, Lewistown, open burning

Richey, mayor, open burning

Mayor, Lambert, open burning

14. Public Hearings and Meetings, Cont.

Sheriff, Prairie County, open burning
Sanitarian, Dawson County, open burning
Sanitarian, Custer County, open burning
Sheriff, Treasure County, open burning
Sheriff, Musselshell County, open burning
Oil representative, open burning
MDU, Helena, regarding wet scrubber at Sidney
Stauffer Chemical, Helena, to discuss fluoride situation at Ramsey
Western Environmental Trade Association and Stockgrowers Association
to discuss PSD
Flathead Environmental Steering Committee, Polson, to discuss meteorology
visibility, and air quality
Anaconda Company staff, discuss upper air study
ISP, Helena, information systems
Evans Products, Helena, sander and veneer dryer
Columbia Falls, Anaconda Aluminum, progress with schedule
Missoula County Health Department, Helena, local program
PEDCo, Helena, SIP work
Legal Division, Evans Products enforcement

c. Intra-staff meetings

Staff meetings with Air Quality Bureau
Project Managers, SIP
Project Managers, MAPS
Project Managers, MAAQS

15. Public Information Requests:

| | |
|-------------------------------|---|
| Rules | 8 |
| Clean Air Act | 2 |
| Other | 4 |
| Open Burning Pamphlets - 1000 | |

16. None

17. Other - None

MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

MONTHLY SUMMARY OF AIR QUALITY DATA

May 1978

Page 1 of 2

Pollutant: Miscellaneous Indicators

Units:

| AQC# | Site Location | HIGH READING | | ARITHMETIC AVER. | | Comments |
|------|---------------------------------|--------------------|--------------|------------------|--------------|----------|
| | | Current Month | Year-to-Date | Running Year | Year-to-Date | |
| 144 | Fluoride Papers-Duliboms Wt Box | Ng/sq cm./30 days | | | | |
| | Flathead Co. | *** | | | | |
| | Anaconda South | *** | | | | |
| | Flathead Co. | *** | | | | |
| | Glacier Park #1 | *** | | | | |
| | Glac.Nat.Park | *** | | | | |
| | Glacier Park #2 | *** | | | | |
| | Glac.Nat.Park | *** | | | | |
| | Glacier Park #9 | *** | | | | |
| | Glac.Nat.Park | *** | | | | |
| 144 | Fluoride Plates | Ng/sq. cm./30 days | | | | |
| | Anaconda South | *** | | | | |
| | Flathead Co. | *** | | | | |
| | Trailer-NAC | *** | | | | |
| | Flathead Co. | *** | | | | |
| | Glacier Park #1 | *** | | | | |
| | Glac.Nat.Park | *** | | | | |
| | Glacier Park #2 | *** | | | | |
| | Glac.Nat.Park | *** | | | | |
| | Glacier Park #9 | *** | | | | |
| | Glac.Nat.Park | *** | | | | |

*** Data unavailable at time of report.

Pollutant: Miscellaneous Buhhler Data

Units: ppm

| AQC# | Site Location | HIGH READING | | ARITHMETIC AVER. | | Comments |
|------|------------------|---------------|--------------|------------------|--------------|----------|
| | | Current Month | Year-to-Date | Running Year | Year-to-Date | |
| 145 | Sulfur Dioxide | | | | | |
| | Scobey | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | Daniels Co. | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | Fort Peck | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | McCone Co. | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | Lame Deer | --- | --- | --- | --- | |
| | Rosebud Co. | --- | --- | --- | --- | |
| 145 | Nitrogen Dioxide | | | | | |
| | Scobey | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | Daniels Co. | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | Fort Peck | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | McCone Co. | 0.0 | 0.0 | 0.0 | 0.0 | 5 |
| | Lame Deer | --- | --- | --- | --- | |
| | Rosebud Co. | --- | --- | --- | --- | |

** No valid sample submitted

Pollutant: Miscellaneous Indicators

Units:

| AQC# | Site Location | HIGH READING | | ARITHMETIC AVER. | | Comments |
|------|----------------------------|---------------|--------------|------------------|--------------|----------|
| | | Current Month | Year-to-Date | Running Year | Year-to-Date | |
| 141 | Dust Fall-tom/sq. mile | | | | | |
| | Mountain States | | | | | |
| | Great Falls | 25.86 | 25.86 | 80.64 | 12.68 | 3 |
| | Fire Sta #1 | | | | | |
| | Great Falls | 20.99 | 20.99 | 31.17 | 12.37 | 3 |
| | Fairgrounds | | | | | |
| | Great Falls | | | | | |
| | 10th Ave. S. South | | | | | |
| | Great Falls | 44.91 | 52.88 | 52.88 | 48.89 | 2 |
| | Great Falls | | | | | |
| | Sulfation Rate-0/100 sq cm | | | | | |
| 140 | 3/8 mil. Coop Billings | 0.760 | 3.340 | 4.350 | 2.490 | 4 |
| | E. of Laurel | 0.500 | 2.800 | 2.800 | 1.525 | 4 |
| | Billings | 1.720 | 1.890 | 1.890 | 1.394 | 5 |
| | Hill-Ball Trucking | | | | | |
| | Billings | | | | | |
| 141 | Stock Car Track | 0.184 | 0.184 | 0.498 | 0.085 | 4 |
| | Great Falls | | | | | |
| | Phillips Ref N1 | | | | | |
| | Great Falls | | | | | |
| | Phillips Ref N2 | | | | | |
| | Great Falls | | | | | |
| | Phillips Ref E. | | | | | |
| | Great Falls | 0.515 | 0.515 | 0.560 | 0.301 | 4 |
| | Microwave | | | | | |
| | East Helena | 0.150 | 0.400 | 0.600 | 0.180 | 5 |
| | 212 E. Pacific | | | | | |
| | East Helena | 0.270 | 0.400 | 1.170 | 0.267 | 4 |
| | East Stuck Sta | | | | | |
| | Last Helena | | | | | |
| | Broudy Ranch | 0.090 | 0.460 | 0.440 | 0.202 | 5 |
| | \$25 Prickly Punt | 0.150 | 0.130 | 0.130 | 0.105 | 2 |

* Site no longer submitting data

** No valid samples submitted

Pollutant: Total Suspended Particulate

Units: ug/cu meter

| AQC# | Site Location | HIGH READING | | ARITHMETIC AVER. | | Comments |
|------|------------------|---------------|--------------|------------------|--------------|----------|
| | | Current Month | Year-to-Date | Running Year | Year-to-Date | |
| 140 | Horton-Decker | 33 | 209 | 209 | 65.1 | 5 |
| | Big Horn Co. | | | | | |
| | Ward Ranch | 20 | 68 | 108 | 18.8 | 5 |
| | Big Horn Co. | | | | | |
| | Lockwood School | 63 | 135 | 166 | 56.5 | 5 |
| | Billings | | | | | |
| | KGH | 39 | 87 | 87 | 36.0 | 5 |
| | Billings | | | | | |
| | City Hall | 122 | 175 | 175 | 80.2 | 5 |
| | Billings | | | | | |
| | Grand Ave. Sch | 146 | 171 | 171 | 60.6 | 5 |
| | Billings | | | | | |
| | Laurel Jr. High | 78 | 78 | 106 | 43.5 | 5 |
| | Hospital Roof | 83 | 121 | 121 | 46.8 | 5 |
| | Great Falls | | | | | |
| | Fire Sta #1 | 115 | 123 | 151 | 71.0 | 5 |
| 141 | Great Falls | | | | | |
| | Highway Jct | | | | | |
| | Anaconda | 24 | 94 | 161 | 28.3 | 5 |
| | Lincoln School#1 | 35 | 35 | 35 | 32.3 | 1 |
| | Anaconda | | | | | |
| | Lincoln School#2 | 27 | 27 | 27 | 17.3 | 1 |
| | McKinley Res. | | | | | |
| 142 | Granite Co. | 100 | 267 | 267 | 61.2 | 5 |

MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES
MONTHLY SUMMARY OF AIR QUALITY DATA

May 1978

Page 2 of 2

| Pollutant: Total Suspended Particulate | | Units: ug/cu meter | | | | | |
|--|-------------------|--------------------|--------------|--------------|--------------|-------------|-------------------|
| AREA | Site Location | Current Month | Year-to-Date | Running Year | Year-to-Date | No. of Data | Comments |
| 142 | Greeley School | | 86 | 195 | 233 | 89.1 | 5 |
| | Gilman Constr. | | 191 | 191 | 297 | 66.4 | 5 |
| | Butte | | | | | | |
| | Atkins Res | | | | | | |
| | Walkerville | | | | | | |
| | Richer Res | | | | | | |
| | Silver Bow Co. | 14 | 53 | 53 | 18.9 | 5 | |
| | Tierney Res | | | | | | |
| | Silver Bow Co. | 23 | 68 | 89 | 24.8 | 5 | |
| | Hebgen Park #1 | | | | | | |
| | Butte | 29 | 29 | 29 | 20.0 | 1 | |
| | Hebgen Park #2 | | | | | | |
| | Butte | 106 | 106 | 106 | 59.7 | 1 | |
| | Microwave | | | | | | |
| | Jefferson Co. | 25 | 52 | 64 | 24.0 | 5 | |
| | 212 E. Pacific | | | | | | |
| | Lewis & Clark Co | 160 | 163 | 192 | 85.5 | 5 | 1 exc. Fed Sec St |
| | Kober Res | | | | | | |
| | Three Forks | 184 | 226 | 309 | 67.8 | 5 | 1 exc. Fed Sec St |
| | Copper Mt. Bldg#1 | | | | | | |
| | Helena | 65 | 234 | 234 | 62.8 | 5 | |
| | Glendive | | | | | | |
| | Dawson Co. | 28 | 28 | 51 | 28.0 | 1 | |
| | Lane Deer | | | | | | |
| | Rosebud Co. | | | | | | |
| | Fort Peck | | | | | | |
| | McCone Co. | 41 | 41 | 53 | 12.4 | 5 | |
| | Broadus | | | | | | |
| | Powder Riv. Co | 27 | 51 | 51 | 15.5 | 5 | |

* Site no longer submitting data

** No valid samples

| Pollutant: Total Suspended Particulate | | Units: ug/cu meter | | | | | |
|--|-----------------|--------------------|--------------|--------------|--------------|-------------|------------------|
| AREA | Site Location | Current Month | Year-to-Date | Running Year | Year-to-Date | No. of Data | Comments |
| | BN Site | | | | | | |
| | Colstrip | | | | | | |
| | Gas Plant Site | | | | | | |
| | Scobey | | | | | | |
| 144 | Anders Res | | | | | | |
| | Co. Pails | | | | | | |
| | Courthouse Roof | | | | | | |
| | Missoula | 208 | 426 | 467 | 142.4 | 5 | 1 exc Mt.Pri.Std |
| | Lion's Park | | | | | | |
| | JB Field | | | | | | |
| | Missoula | 104 | 390 | 390 | 101.0 | 5 | 4 exc Fed.Sec.St |
| | Hebgen Wald #1 | | | | | | |
| | Hoerner Wald #2 | | | | | | |
| | Hoerner Wald #3 | | | | | | |
| | Missoula Co. | 38 | 135 | 135 | 32.0 | 5 | |
| | Kalispell | | | | | | |
| | Flathead Co. | | | | | | |
| | Troy-Brown | | | | | | |
| | Lincoln Co. | | | | | | |
| | Trout-Sampson | | | | | | |
| | Lincoln Co. | | | | | | |
| | Libby-Brown | | | | | | |
| | Lincoln Co. | | | | | | |
| | Courthouse Lawn | | | | | | |
| | Missoula | 205 | 394 | 394 | 133.2 | 5 | 1 exc Mt.Pri.Std |
| | | 116 | 457 | 457 | 121.9 | 5 | |

** No valid samples

Pollutant: Miscellaneous Continuous Data Units: ppm

| Pollutant: Miscellaneous Continuous Data | | Units: ppm | | | | | |
|--|------------------|---------------|------------------|--------------|--------------|-------------|----------|
| AREA | Site Location | High Reading | ARITHMETIC AVER. | | | | |
| AREA | Site Location | Current Month | Year-to-Date | Running Year | Year-to-Date | No. of Data | Comments |
| 140 | Carbon Monoxide | | | | | | |
| | 27th & Montana | | | | | | |
| | Billings | | | | | | |
| 141 | 10th Ave. South | | | | | | |
| | Great Falls | | | | | | |
| 142 | Alpine West | 7.50 | 38.40 | 39.40 | 2.700 | 5 | |
| 144 | Malfunction Jct. | | | | | | |
| | Missoula | | | | | | |
| | Lion's Park | | | | | | |
| | Missoula | | | | | | |
| | Highways | | | | | | |
| 140 | 27th & Montana | | | | | | |
| | Billings | | | | | | |
| 142 | Hebgen Park | | | | | | |
| | Butte | | | | | | |
| 144 | Lion's Park | 3.10 | 4.40 | 4.40 | 1.877 | 3 | |
| | Missoula | | | | | | |
| 140 | Nitrogen Oxide | | | | | | |
| | 27th & Montana | | | | | | |
| | Billings | | | | | | |
| 142 | Hebgen Park | | | | | | |
| | Butte | | | | | | |
| 144 | Lion's Park | 5.00 | 7.62 | 7.62 | 1.995 | 5 | |
| | Missoula | | | | | | |
| 140 | 27th & Montana | | | | | | |
| | Billings | | | | | | |
| 142 | Hebgen Park | | | | | | |
| | Butte | | | | | | |
| 144 | Lion's Park | 0.04 | 0.04 | 0.04 | 0.005 | 2 | |
| | Missoula | | | | | | |
| | | 0.07 | 0.10 | 0.10 | 0.018 | 5 | |

* Site no longer submitting data

*** Data unavailable at time of report

Pollutant: Miscellaneous Continuous Data Units: ppm

| Pollutant: Miscellaneous Continuous Data | | Units: ppm | | | | | |
|--|---------------------|---------------|------------------|--------------|--------------|-------------|----------|
| AREA | Site Location | High Reading | ARITHMETIC AVER. | | | | |
| AREA | Site Location | Current Month | Year-to-Date | Running Year | Year-to-Date | No. of Data | Comments |
| | Ozone | | | | | | |
| 140 | 27th & Montana | | | | | | |
| | Billings | | | | | | |
| 142 | Hebgen Park | | | | | | |
| | Butte | | | | | | |
| 144 | Lion's Park | 0.07 | 0.09 | 0.09 | 0.09 | 2 | |
| | Missoula | | | | | | |
| | Stainless Oxide | | | | | | |
| 140 | 27th & Montana | | | | | | |
| | Billings | | | | | | |
| 142 | Laurel Farm | | | | | | |
| | East Stack | | | | | | |
| | East Helena | | | | | | |
| | Highways | | | | | | |
| 140 | East Helena | | | | | | |
| | Black Ranch | | | | | | |
| | East Helena | | | | | | |
| | C-Hill | | | | | | |
| | Anaconda Hwy Jct. | | | | | | |
| | Anaconda Hill Creek | | | | | | |
| | Lincoln School | | | | | | |
| | Anaconda | | | | | | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 5 | |
| | | 1.08 | 1.08 | 1.68 | 0.034 | 5 | |
| | | 0.0 | 0.0 | 1.21 | 0.024 | 3 | |

*** Data unavailable at time of report

**** Equipment down - no data

